

REMARKS

By this amendment, Claims 1, 3 and 6 have been amended and Claims 7-9 have been newly added. Claims 1-9 remain pending in the application, with Claims 1, 3 and 6 being independent claims. Claims 1 and 2 are again rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over Wong (U.S. Patent No. 6,615,026 B1) in view of Thill (U.S. Patent No. 5,678,201). Claims 3-5 are again rejected under 35 U.S.C. § 102(e) as allegedly being anticipated by Tran (U.S. Patent No. 6,184,833 B1). Claim 6 is again rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over Tran in view of Wong and Thill.

To further distinguish Claims 1, 3 and 6 over Tran, Wong, Thill, or any combination thereof, Claim 1 has been amended to recite, in part, a plurality of dipole antennas adapted to simultaneously perform a same communication, the plurality of dipole antennas being mounted on a shield plate through which no earth current flows, the shield plate shielding radiating electromagnetic fields. Claim 3 has been amended to recite, in part, a printed circuit board having a first surface and an opposing second surface, the printed circuit board having no earth current flowing therethrough and being included within the portable communication terminal. Claim 6 has been amended to recite, in part, a plurality of dipole antennas adapted to simultaneously perform a same communication and arranged on a surface of a printed circuit board included in the terminal, the surface having no earth current flowing therethrough and being opposite to a surface of the printed circuit board to which a speaker is mounted. Claims 7-9 have also been newly added.

Applicants respectfully submit that the amendments to the claims and new claims 7-9 are fully supported by the original disclosure, and introduce no new matter therewith.

Tran describes a dual strip antenna and shows, in FIG. 4, an example of a dual strip antenna 400. The dual strip antenna 400 includes a first strip 404, a second strip 408, a dielectric substrate 412 and a coaxial feed 416. The dielectric substrate 412 functions as a ground plane through which earth current flows. Wong describes a portable telephone with an antenna structure that directs radiated energy away from the user's head. Wong shows, in FIGS. 1-4, an antenna 12 that is mounted to a dielectric material 18. Wong is silent regarding current passing through the dielectric material 18. Thill describes an antenna assembly with a BALUN and tuning element for a portable radio. Thill is silent regarding current flowing through the antenna assembly shown in FIG. 1.


Tran, Wong, Thill, or any combination thereof, fails to teach or reasonably suggest providing a plurality of dipole antennas adapted to simultaneously perform a same communication, the plurality of dipole antennas being mounted on a shield plate through which no earth current flows, the shield plate shielding radiating electromagnetic fields, as recited in Claim 1. Tran, Wong, Thill, or any combination thereof, fails to teach or reasonably suggest providing a printed circuit board having a first surface and an opposing second surface, the printed circuit board having no earth current flowing therethrough and being included within the portable communication terminal, as recited in Claim 3. Tran, Wong, Thill, or any combination thereof, fails to teach or reasonably suggest providing a plurality of dipole antennas adapted to simultaneously perform a same communication and arranged on a surface of a printed circuit board included in the terminal, the surface having no earth current flowing therethrough and being opposite to a surface of the printed circuit board to which a speaker is mounted, as recited in Claim 6.

Accordingly, amended Claims 1 and 6 are allowable over Tran, Wong, Thill, or any combination thereof, and amended Claim 3 is allowable over Tran.

While not conceding the patentability of the dependent claims, *per se*, Claims 2, 4, 5 and 7-9 are also allowable for at least the above reasons.

Accordingly, all of the claims pending in the Application, namely, Claims 1-9, are in condition for allowance. Should the Examiner believe that a telephone conference or personal interview would facilitate resolution of any remaining matters, the Examiner may contact Applicants' attorney at the number given below.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Paul J. Farrell", is written over the typed name and registration number.

Paul J. Farrell
Reg. No. 33,494
Attorney for Applicant

THE FARRELL LAW FIRM
333 Earle Ovington Blvd., Suite 701
Uniondale, New York 11553
Tel: (516) 228-3565
Fax: (516) 228-8475

PJF/TCS/dr